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Mary Ann Copas, Secretary

In the Reissue Application of Paul Uitenbroek

Patent Number: 6,360,719

Issued: March 26, 2002

For: CHARGE CONTROL APPARATUS FOR CONTROLLING THE
OPERATION OF A RECIPROCATING INTERNAL COMBUSTION
ENGINE AND METHOD FOR CONTROLLING THE OPERATION OF
A RECIPROCATING INTERNAL COMBUSTION ENGINE

Art Unit: 3747

Examiner: Erick R. Solis

Commissioner for Patents

Alexandria VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with 37 CFR § 1.56, Applicant wishes to call the attention of the Examiner to the following references:

- 1) US 4,484,556
- 2) US 4,913,114
- 3) US 5,105,784
- 4) US 5,205,245
- 5) US 5,255,648
- 6) US 5,477,840
- 7) US 5,867,986
- 8) US 6,055,953
- 9) EP 0 718 481
- 10) DE 29 38 118
- 11) JP 59-126031
- 12) Walzer, Peter et al article, 1986

References 1 through 8 are in the English language and require no further

discussion. In accordance with USPTO rules, copies are not included with this Information Disclosure Statement.

References 9 through 11 were cited as "A" references in the International Search Report during the International phase of this application. Because the IB has already provided a copy of the International application file to the USPTO, copies of these references should be in the file and thus additional copies are not enclosed.

Reference 12 was not cited in the International Search Report. A copy of the reference with the English abstract is enclosed. Further to the enclosed reference 12, referring to Figure 5, an internal combustion engine is shown with an intake valve and a rotary valve disposed in the intake conduit. The rotary valve is driven by the camshaft. A phase shifter is disposed between the camshaft and the rotary valve, such that the phase between the opening/closing of the rotary valve and the intake valve can be changed. However, the rotational speed of the rotary valve will always correspond to the rotary speed of the camshaft. Thus, the opening duration of the rotary valve, measured as a rotational angle relative to the rotation of the camshaft or crankshaft, cannot be changed.

At full throttle, the opening/closing of the rotary valve is matched to correspond to the opening/closing of the intake valve. At partial throttle, the phase of the rotary valve is shifted with respect to the intake valve, such that the rotary valve closes the intake conduit before the intake valve closes.

Submitted herewith is a copy of the form PTO-1449 and reference 12.

It is respectfully requested that any fees required and not enclosed herewith or any shortages in any fees be charged to Deposit Account 02-1653.

Consideration of the foregoing in relation to this application is respectfully requested.

Respectfully submitted,



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for the Applicant

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RWB/mac
Enclosures: PTO 1449 / one reference

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Complete if Known	
	Patent Number	6,360,719
	Issue Date	March 26, 2002
	First Named Inventor	Paul Uitenbroek
	Group Art Unit	3747
	Examiner Name	Erick R. Solis
	Attorney Docket No.	98/07179Reissue

U. S. PATENT DOCUMENTS							
Examiner Initials	Cite No.	Patent Number Pub. Number	Issue Date Pub. Date	Patentee	Class	Subclass	Filing Date
	1	4,484,556	11/27/84	Okimoto et al			12/13/82
	2	4,913,114	4/3/90	Kalippke et al			3/15/89
	3	5,105,784	4/3/90	Kalippke et al			4/8/91
	4	5,205,245	4/27/93	Flack et al			5/30/91
	5	5,255,648	10/26/93	Hokazono et al			5/15/92
	6	5,477,840	12/26/95	Neumann			8/28/94
	7	5,867,986	2/9/99	Buratti et al			2/9/99
	8	6,055,953	5/2/00	Weickel et al			8/18/97

FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
	9	EP 0 718 481	6/26/96	Europe			x
	10	DE 29 38 118	4/4/81	Germany			x
	11	JP 59-126031	11/15/84	Japan			x

OTHER PRIOR ART B NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No.	
	12	Walzer, Peter et al., "Variable Steuerzeiten und variable Verdichtung beim Ottomotor", MTZ Motortechnische Zeitschrift 47 (1986) 1, pp. 15 - 20

Examiner		Date	
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3/26/2004